

To: Petri, Elliott[Elliott.Petri@WestonSolutions.com]
Cc: Griswold, Hays[Griswold.Hays@epa.gov]; Guy, Kerry[Guy.Kerry@epa.gov]; Goertz, Dave[Dave.Goertz@WestonSolutions.com]
From: Way, Steven
Sent: Sun 9/27/2015 2:18:23 PM
Subject: Pipe inlet - sump at GK

Elliott and Dave,

Please provide the calculations / design assumptions for pipe sizing from the mine to sump and sump to pipe to Gladstone.

Thank you
Steve

Sent from my iPhone

On Sep 26, 2015, at 2:46 PM, Petri, Elliott <Elliott.Petri@WestonSolutions.com> wrote:

Please note the original email had the wrong Dave Goertz as the email address. His email is Dave.Goertz@WestonSolutions.com

Elliott Petri, PE

Weston Solutions, Inc.

1435 Garrison St, Ste 100

Lakewood, CO 80215

Ph: 303-729-6156

Cell: 719-216-2754

Fax: 303-729-6101

From: Petri, Elliott
Sent: Saturday, September 26, 2015 11:45 AM
To: Steven Way <Way.Steven@epa.gov>; Hays Griswold <Griswold.Hays@epa.gov>; Kerry Guy <Guy.Kerry@epa.gov>; Jones, Tana <Tana.Jones@WestonSolutions.com>
Subject: Berms for Gladstone ponds

Forwarded from Dave Goertz

Elliott Petri, PE

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Sent from a tiny phone screen, most likely with sun glare. Please excuse typos!

----- Original Message -----

Subject:

From: "Goertz, Dave" <Dave.Goertz@WestonSolutions.com>

To: "Petri, Elliott" <Elliott.Petri@WestonSolutions.com>

CC:

We need the following Gladstone ponds berm information to package and give to the geotechnical engineer on Monday morning. You can email it to me and I will see he gets it. We need:

- The gradation report
- A description of the construction of the berm including:
 - o Height of lifts
 - o Compaction methods used on each lift
 - o Qualitative idea of the moisture content of the soil during construction (slightly moist, bone dry etc.)

- Profile or profiles of the berm including dimensions and high water level

I know some of this information will be difficult to accurately provide but do the best you can. The opinion we get will be as good as the information we give him. If some of these data are ranges that is ok.

David Goertz, PE

Weston Solutions, Inc.

1435 Garrison Street, Suite 100

Lakewood, CO 80215

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Cell: 720 635-0818

dave.goertz@westonsolutions.com

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